

~~TOP SECRET DINAR~~

DRUG

11-164

From: NEW YORK

To: MOSCOW

No: 732

20 May 1944

Data from "GNOME"[1] about the "JET [VOZDUKh]" assembly  
19 A of the WESTINGHOUSE firm. The assembly

[9 groups unrecovered]

increase in speed. It consists of a compressor-internal  
combustion chamber-turbine. The exhaust nozzle with the  
cross-section regulated by a central cone. Data of the  
assembly:

Weight dry - 850 pounds.

Full length - 100 inches.

Diameter of the installation - 19 inches.

Diameter of the compressor - 16 inches.

Compression ratio of the compressor - 2.75/1, number of  
stages of the compressor - 6.

Single-stage turbine.

Temperature of the gas in the turbine

[3 groups unrecovered]

00 Fahrenheit, maximum

[67 groups unrecoverable]

nozzle

[11 groups unrecovered]

works only when starting. The normal power of the thrust which  
is created by the assembly is equal at sea level

[3 groups unrecovered]

[40 groups unrecoverable]

Comment: [1] GNOME: William Perl.

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